

CLAIMS

1. An absorber (6) for vehicle bumper (2), comprising:  
- a support (12); and  
- strips (32, 34) extending forwards from the support and having a face (38) directed towards the interior of the absorber, characterized in that it has for each strip, an opening (36) extending opposite the face (38) and opening onto the exterior of the absorber.

2. The absorber according to any of the preceding claims, characterized in that, the face (38) being a first face, each strip (32, 34) has a second face (40) directed towards the exterior of the absorber.

3. The absorber according to at least any one of the preceding claims, characterized in that each strip (32, 34) is planar.

4. The absorber according to at least any one of the preceding claims, characterized in that each strip (32, 34) extends in a horizontal plane.

5. The absorber according to at least any one of the preceding claims, characterized in that each strip (32, 34) extends from only one of the lower and upper halves of the support (12).

6. The absorber according to at least any one of the preceding claims, characterized in that each strip (32, 34) extends from a longitudinal edge (18, 20) of the support (12).

7. The absorber according to at least any one of the preceding claims, characterized in that the strips (32, 34) extend from one of the upper and lower halves of the support 12, alternating along the support.

8. The absorber according to at least any one of the preceding claims, characterized in that it comprises a strengthening rib (42) for each strip (32, 34).

5 9. The absorber according to at least any one of the preceding claims, characterized in that it has at each longitudinal end, an end area (50) with a length larger than a larger width of the strips (32, 34).

10 10. The absorber according to the preceding claim, characterized in that each end area (50) is without any strip.

11. The absorber according to at least any one of claims 9 or 10, characterized in that each end area (50) is arranged  
15 so as to exhibit greater stiffness with regards to impact from the front than any area of the absorber provided with strips.

12. The absorber according to at least any one of claims 9 to 11, characterized in that each end area (50) has vertical  
20 ribs (22, 24, 52).

13. The absorber according to at least any one of the preceding claims, characterized in that it has a front wall (46) in contact with the strips (32, 34) and extending at the  
25 front of the latter.

14. The absorber according to at least any one of the preceding claims, characterized in that the support (12) comprises a vertical wall (14) from which extend the strips.  
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15. The absorber according to at least any one of the preceding claims, characterized in that the support (12) is arranged so as to exhibit greater stiffness with regards to impact from the front than any area of the absorber provided  
35 with strips.

16. The absorber according to at least any one of the preceding claims, characterized in that the support (12) comprises ribs (22, 24).

5        17. The absorber according to at least any one of the preceding claims, characterized in that the support (12) comprises a horizontal wall (16).

10       18. The absorber according to at least any one of the preceding claims, characterized in that it is arranged so as to be wholly manufactured by moulding between two mould portions (60, 62) mobile relatively to each other.

15       19. A vehicle bumper, characterized in that it comprises an absorber according to at least any one of the preceding claims.

20       20. A method for manufacturing an absorber according to at least any one of the preceding claims, characterized in that the absorber is manufactured by moulding.

25       21. The method according to the preceding claim, characterized in that the absorber is moulded between two mould portions (60, 62) mobile relatively to each other along a direction (Z) corresponding to the vertical direction of the absorber.

30       22. The method according to any of both of the preceding claims, characterized in that the whole of the absorber is moulded by means of two mould portions (60, 62) mobile relatively to each other.